

**METHOD OF ACCESSING INTERNET RESOURCES THROUGH A PROXY
WITH IMPROVED SECURITY**

ABSTRACT

Method of accessing Internet resources provided by at least a content server in a data transmission system including a proxy connected to an Internet network, the proxy being provided with authentication means for authenticating a user when receiving a request for Internet resources therefrom, and wherein the proxy transmits the user request to the content server which sends back a response to the proxy together with at least one cookie containing information about the user's session. The proxy receiving the response with the cookie stores the cookie in a user context database and transmits this response to the user after the cookie(s) has (have) been removed from the response, so that the user can send all requests for accessing the Internet resources contained in the content server to the proxy.